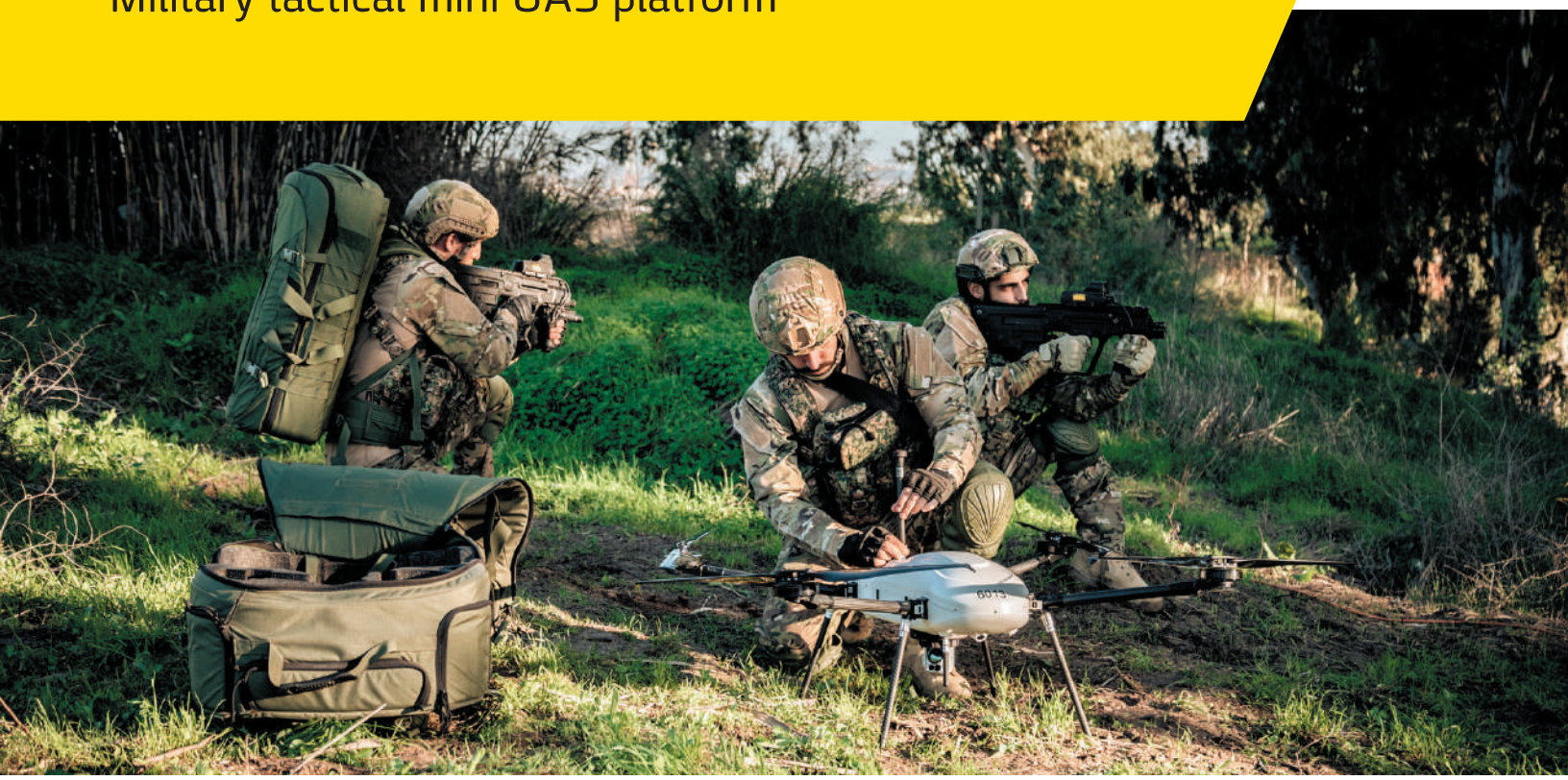
THOR

Military tactical mini UAS platform



The THOR VTOL (vertical takeoff and landing) mini UAS family is a military tactical fully autonomous mule platform designed for a wide range of military operational applications and reconnaissance missions.

Built from the ground up, the THOR family can support diverse operational scenarios. The powerful platform is foldable and stored in a backpack, for easy deployment in less than two minutes. The UAS can carry up to 10kg payload almost anywhere and in a wide range of weather and terrain conditions. Equipped with automatic takeoff and landing capability and autonomous mission flights, THOR is suitable for operation in urban areas, as well as in marine zones.

Elbit Systems™
C4I and Cyber

THOR

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Key Features

- Military tactical “mule” platform
- Capable of carrying 0.5kg to 10kg
- Agile payload configuration: ISR, dropping, targeting, EW, cyber
- Exceptional 1:1 payload ratio
- Foldable, backpack storage
- Fully operational in 2 min.
- Autonomous flight capability
- <70 min flight endurance with NH2 EO sensor
- TRL 9: More than 1,200 platforms operational worldwide
- Advanced real-time navigation modes
- Advanced C4I mission software – “NEVO”

Specifications

- Max operational alt. (AGL) 10-1500 ft.
- Range 10 km (radius)
- Operational speed 0-40 kph
- Max alt (ASL) 12000 ft.
- System weight (inc. battery) 11kg
- Max takeoff weight 21kg
- Datalink L/S-band & LTE (optional)
- Payload weight 0.5kg, 2.5kg, 6kg, 8kg, 9kg
- Endurance 70/60/40/35/33 min
- MIL-STD 810F

GCS with “NEVO”- an advanced mission SW

THOR Mini-UAS

Elbit Systems™ C⁴I and Cyber

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